# Professor Maxx Arguilla receives NSF CAREER award

The award will support Arguilla and his lab’s research into nano-scale materials.
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“Being a materials-focused research program, we seek to establish mutual collaborations with chemists, physicists and engineers within and beyond UCI,” Arguilla said.

Picture Credit:
Herdeline Ardoña

Professor Maxx Arguilla of the UC Irvine Department of Chemistry recently received an NSF CAREER award. The award goes to early-career faculty in the sciences whose

research thus far demonstrates great promise. “Receiving the NSF CAREER award is a significant milestone for my research group as it recognizes our early achievements in developing reliable and precise ways of making very thin nanostructures with predictable properties,” said Arguilla. “This recognition is particularly exciting for me as it involves the new class of materials that my group and I are trying to establish.” That class includes so-called one-dimensional and quasi-one-dimensional van der Waals solids, which are fiber-like inorganic structures similar to plastics that represent some of the thinnest, most stable solid-state structures in the world. “Beyond the research component, this NSF CAREER award will also support our efforts to promote the awareness of solid state chemistry across various levels through hands-on experiments that involve materials for middle school and high school students as well as a summer solid state- and nano-chemistry boot camp and mentorship program for undergraduate students in the SoCal region,” said Arguilla.

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